

I have converted a document using Graphics Conversion but I see no values and /or get errors when the document runs.

Graphics Conversion is an automated process to import DCS drawings from CS3000 and Centum VP systems. Because the process is automated there are issues, which can arise, that need manual intervention to fix.

Tags used in DCS graphics which are not present in Exaquantum.

The most common cause of difficulty is where there are tags in the DCS that haven't been created in Exaquantum. When conversion runs it maps the DCS tags used in the graphic to their respective tags in Exaquantum and creates variables in the Exaquantum Explorer document to hold the path to the tag. If the tag does not exist in Exaquantum the software will create a dummy path based on the pattern "Root.[Tagname].Item.Value". The software also checks the datatype of the Exaquantum tag and if the tag does not exist it sets it to Double Floating Point. In this situation if the missing tag is a Double Floating Point, Single Floating Point or Integer the result will be that when run, the document will show a zero value for the missing tag. If the missing tag is a String datatype and is used in any logic the document will display an error at runtime for each faulty usage – the error will be "Type Mismatch" and will show which graphic object has the error. In both these cases the solution is to add the missing tag(s) to Exaquantum and re-import the document. Note, it is possible to just manually update the path and datatype in the Explorer document's Data Variables dialog but usually re-importing is much quicker.

The graphics created are being used in an RBNS based environment and the default "Root" folder is not visible.

The graphics conversion process does not take RBNS into account and so although the graphic will be converted the data variables will not be set correctly. There are two options possible; first you can enable the Root folder using the QSystemConfiguration tool but this will bypass RBNS. Secondly you can manually alter the Data Variables created to match the correct RBNS path.

The graphics created do not look like the ones on the DCS or miss functionality.

Because the drawing package on DCS is very complex and allows the user to create drawings in a number of ways, sometimes the behaviour or appearance of a converted graphic will not match that of the original. The first thing to check is if multiple layers are involved as sometimes the layering is altered during conversion so objects may be hidden. Secondly graphics which involve parameterised values e.g. touch targets may lose functionality because the link between the parameter cannot be read. If neither of these solutions work then you should contact your local support department for more advice.